

BOX PCT
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY--CHAPTER II

5 APPLICANT(S): HENNING LENZ ET AL
ATTORNEY DOCKET NO.: P00,1938
INTERNATIONAL APPLICATION NO: PCT/DE99/01978
INTERNATIONAL FILING DATE: 01 JULY 1999
INVENTION: METHOD AND ARRANGEMENT FOR DETERMINING
A REGULATING VARIABLE OF A TECHNICAL
SYSTEM THAT IS DESCRIBED WITH A
PREDETERMINED MODEL DESCRIPTION IN A
PREDETERMINED SPACE

Assistant Commissioner for Patents,
Washington D.C. 20231

10 **AMENDMENT A PRIOR TO ACTION**

Sir:

Applicants herewith amend the above-referenced PCT application, and
request entry of the Amendment prior to examination on the United States
15 Examination Phase.

IN THE CLAIMS:

On page 16:

replace line 1 with --WHAT IS CLAIMED IS:--;

20 Please replace original claims 1-28 with the following rewritten claims 1-28,
referring to the mark-ups in Appendix A.

1. (Amended) A method for determining a regulating variable of a
technical system that is described with a predetermined model description in a
predetermined space comprising the steps of:

25 transforming said model description into a sub-space of said space;
determining a regulator model description from the transformed model
description upon employment of a prescribable non-linear regulator model;